

WEST Search History

DATE: Thursday, June 02, 2005

Hide?	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
		<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L5	14 and (zirconia or zirconium)	4
<input type="checkbox"/>	L4	13 and (triflic acid or trifluoromethane sulfonic acid or perfluoromethane sulfonic acid)	58
<input type="checkbox"/>	L3	12 and (benzoyl chloride or toluoyl chloride or acid chloride or acid halide)	1221
<input type="checkbox"/>	L2	11 and aromatic compound	2933
<input type="checkbox"/>	L1	acylation or acylate or acylated	52996

END OF SEARCH HISTORY

WEST Search History

DATE: Thursday, June 02, 2005

Hide?	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
		<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L6	14 and (zirconia or zirconium)	2
<input type="checkbox"/>	L5	14 and (triflic acid or trifluoromethane sulfonic acid or perfluoromethane sulfonic acid)	2
<input type="checkbox"/>	L4	13 and (benzoyl chloride or toluoyl chloride or acid chloride or acid halide)	41
<input type="checkbox"/>	L3	12 and acylat\$	49
<input type="checkbox"/>	L2	11 and toluene	288
<input type="checkbox"/>	L1	\$dimethylbenzophenone	435

END OF SEARCH HISTORY

10/811,237

=> d his

(FILE 'HOME' ENTERED AT 13:57:52 ON 02 JUN 2005)

FILE 'REGISTRY' ENTERED AT 13:57:59 ON 02 JUN 2005

L1 1 S TRIFLIC ACID/CN

FILE 'CASREACT' ENTERED AT 13:58:51 ON 02 JUN 2005

L2 STRUCTURE UPLOADED

L3 7 S L2

L4 135 S L2 FULL

FILE 'CAPLUS' ENTERED AT 13:59:51 ON 02 JUN 2005

L5 135 S L4

L6 27 S L5 AND ?DIMETHYLBENZOPHENONE

L7 8 S L6 AND TOLUENE

L8 531 S ?DIMETHYLBENZOPHENONE

L9 69 S L8 AND TOLUENE

L10 36 S L9 AND ACYLAT?

L11 23 S L10 AND (?BENZOYL CHLORIDE OR ?TOLUOYL CHLORIDE OR ?ACID CHLO

L12 2 S L11 AND (ZIRCONIA OR ZIRCONIUM)

L13 0 S L11 AND (TRIFLIC ACID OR TRIFLUOROMETHANE SULFONIC ACID OR PE

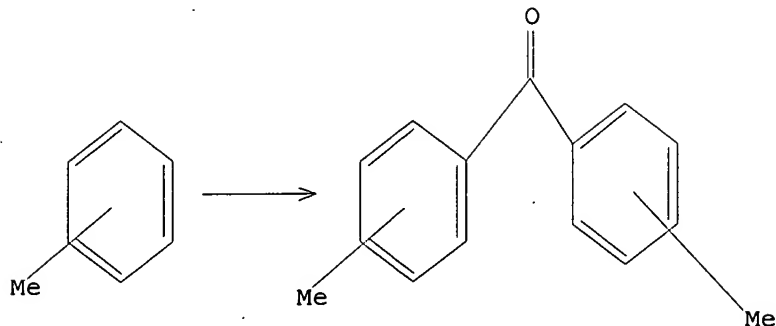
10/811,237

L2 STRUCTURE UPLOADED

=> d

L2 HAS NO ANSWERS

L2 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l2

SAMPLE SEARCH INITIATED 13:59:10 FILE 'CASREACT'

SCREENING COMPLETE - 5603 REACTIONS TO VERIFY FROM 722 DOCUMENTS

89.2% DONE 5000 VERIFIED 13 HIT RXNS 7 DOCS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 107596 TO 116524
PROJECTED ANSWERS: 7 TO 349

L3 7 SEA SSS SAM L2 (13 REACTIONS)

=> s l2 full

FULL SEARCH INITIATED 13:59:15 FILE 'CASREACT'

SCREENING COMPLETE - 127507 REACTIONS TO VERIFY FROM 14273 DOCUMENTS

100.0% DONE 127507 VERIFIED 479 HIT RXNS 135 DOCS
SEARCH TIME: 00.00.04

L4 135 SEA SSS FUL L2 (479 REACTIONS)

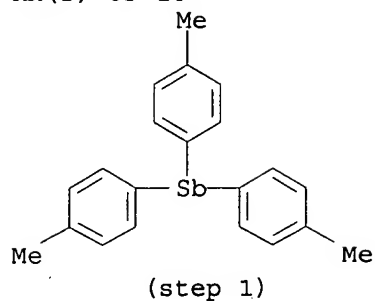
=> d scan

L4 135 ANSWERS CASREACT COPYRIGHT 2005 ACS on STN

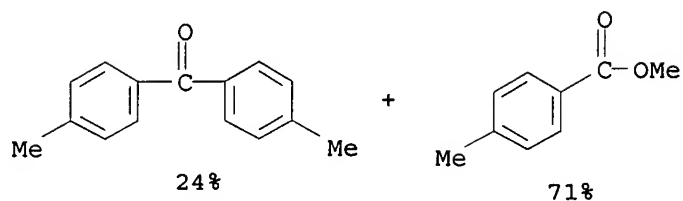
TI Facile Palladium-Catalyzed Carbonylation of Triarylstibines in the
Presence of Ammonium Cerium(IV) Nitrate

10/811,237

RX(2) OF 10



1. $\text{PdCl}_2 (\text{PhCN})_2$,
 $(\text{NH}_4)_2\text{Ce}(\text{NO}_3)_6$,
MeOH
2. CO, MeOH

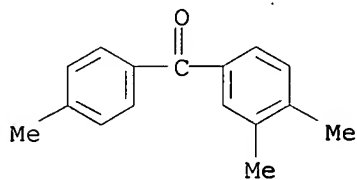


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):5

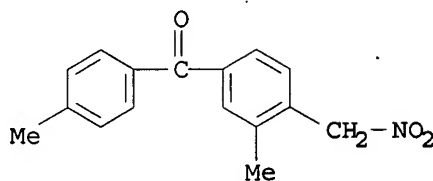
L4 135 ANSWERS CASREACT COPYRIGHT 2005 ACS on STN

TI Nitration of 3,4,4'-trimethylbenzophenone

RX(1) OF 5



HNO_3 , Water

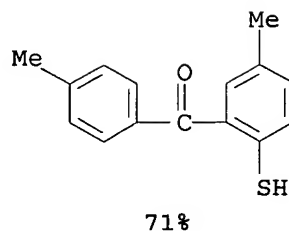
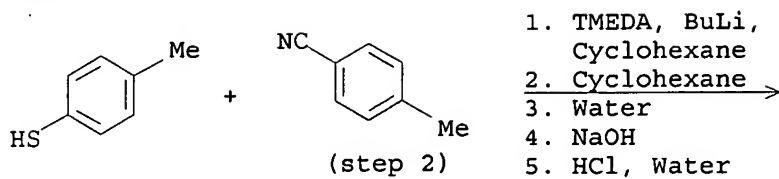


L4 135 ANSWERS CASREACT COPYRIGHT 2005 ACS on STN

TI Novel syntheses of 2,3-disubstituted benzothiophenes

10/811,237

RX(4) OF 68

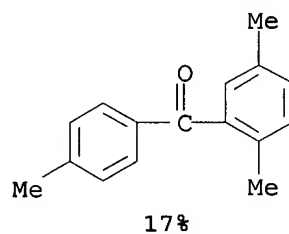
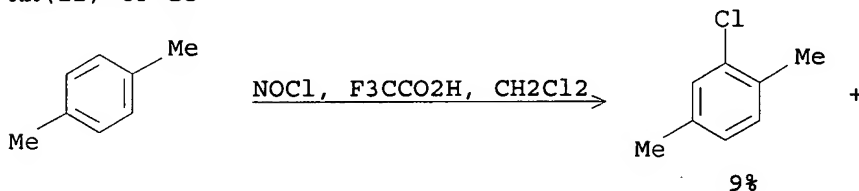


NOTE: regioselective

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TI Oxidative chlorination of aromatic compounds in the presence of nitrogen-containing oxidizing agents

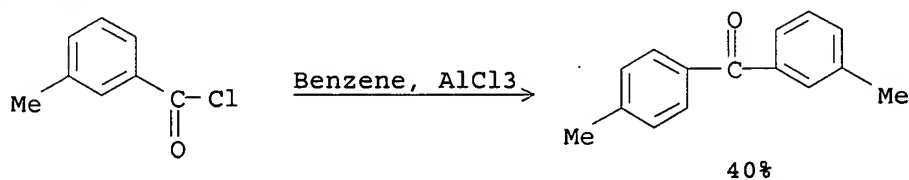
RX(12) OF 25



L4 135 ANSWERS CASREACT COPYRIGHT 2005 ACS on STN

TI Methylbenzoylation of benzene and ethylbenzene

RX(1) OF 1

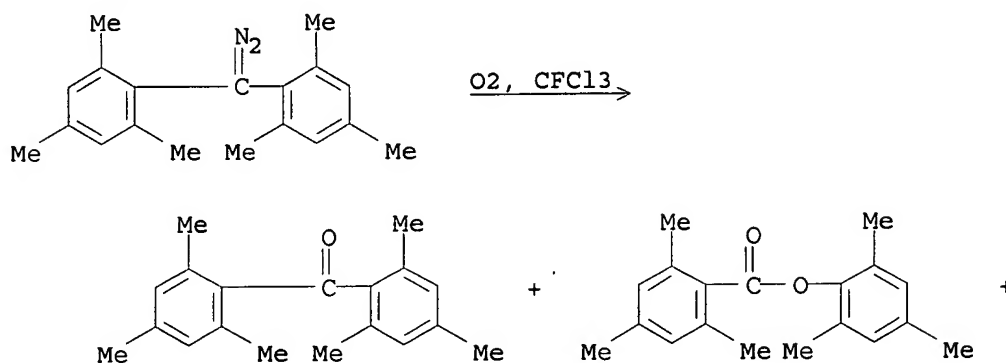


10/811,237

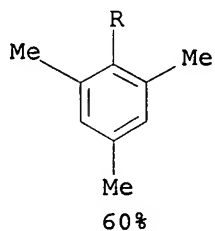
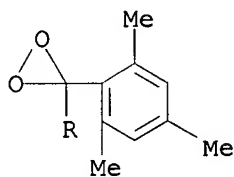
L4 135 ANSWERS CASREACT COPYRIGHT 2005 ACS on STN

TI Dimesityldioxirane

RX(1) OF 1



RX(1) OF 1



NOTE: photochem.; safety

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0